

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 03112487
PUBLICATION DATE : 14-05-91

APPLICATION DATE : 22-09-89
APPLICATION NUMBER : 01247697

APPLICANT : OLYMPUS OPTICAL CO LTD;

INVENTOR : TAKIGUCHI MASAFUMI;

INT.CL. : C12N 15/12 C07H 21/04 C12N 5/10
C12Q 1/68

TITLE : HLA-BW 53 GENE, DNA PROBE AND
TRANSFORMING CELL

ABSTRACT : PURPOSE: To obtain HLA-Bw53 gene to manifest an antigen useful for judging propriety of colonization of transplant in organ transportation by transducing human eukaryocyte, containing exon having a specific base sequence.

CONSTITUTION: HLA-Bw53 gene containing an exon having a base sequence shown by the formula (A is adenine, C is cytosine, G is guanine and T is thymine). cDNA partially coincident with the base sequence of this gene can be made into a DNA probe which labels a marker substance and is used for DNA typing.

COPYRIGHT: (C) JPO